

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	Co	Complete if Known		
	Application Number			
INFORMATION DISCLOSUR	Filing Date			
INFORMATION DISCLOSUR	First Named Inventor	Richard Blackmore		
STATEMENT BY APPLICAN	Art Unit			
(Use as many sheets as necessary)	Examiner Name			
Chapt 1 at 14	Attorney Docket Number	V-046		

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	 	Number-Kind Code ^{2 (if known)}	 	<u> </u>	· · · · · · · · · · · · · · · · · · ·
	ļ	^{US-} 6,123,879	09-26-2000	James E. Hendrix	
•		US-			
		^{US-} 6,277,771	08-21-2001	Akira Nishimura	
		US-			
		^{US-} 6,612,085	09-02-2003	Chistopher Edwards	Col 3, In 9-13; Col 4, In 61-
		US-			63; Col 6, In 15-33; Cl 3
		US-		·	
		^{US-} 5,683,902	11-11-1997	Mitsuharu Tezuka	Col 2, In 10-17; Col 3, In 34-
		US-			37; Col 6, In 57-60; Col 9, In
		US-			36-Col 10, In 16
		US- 3		-	
		^{US-} 5, 5 08, 696	05-03-1994	Kazuhiko Hanashita	Col 1, In 37-43; Col 8, In 46-
		US			57
		US-			
		US- 5,271,193	12-12-1993	Robert Olsen	Abstract
		US-			
-,-		^{US-} 4,781,994	11-01-1988	Toshio Enoki	Col 5, In 14-53
		US-			
		^{US-} 10/182,968	09-11-2003	Richard Blackmore	Para. 64-85

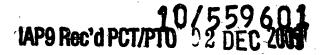
		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	L
						L
		,				L
-						L
	-					f

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

information unless it contains a valid OMR control number Under the Paperwork Reduction Act of 1995, no persons are required to res

Substitute for form 1449/PTO

Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Richard Blackmore			
Art Unit				
Examiner Name				
Attorney Docket Number	V-046			

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
examiner Initials*	No.1	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		^{US-} 5,565,535	10-15-1996	C. Richard Costin	All
		US-			<u></u>
		US- 828,976	08-24-1906	Herman Schneider	All
		ŪŠ-			
		^{US-} 5,648,137	07-15-1997	Richard Blackmore	All
		US-		,	
		US-			
		US-			
		US-			
·		US-			
		US			
		US-			
		US-			
	 	US-			
		US-			

Examiner Initials*	Cite No.1	Foreign Patent Document	IGN PATENT DOCL Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	-6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	•	Or Relevant Figures Appear	Τ'
		JP 05-318452	12-03-1993	Takeshi	All	
					·	L
						L

Examiner Signature	Date Considered	
Signature	1 -	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. The Policant's unique citation designation number (optional). Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

10/559601

PTO/SB/08B (07-05)

JAP9 Rec'd PCT/PTO 02 DEC 2005

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ION DISCLOSURE	Application Number Filing Date	
	Filing Date	
T DV A DDI IO A NE		I
IT BY APPLICANT	First Named Inventor	Richard Blackmore
	Art Unit	
ny sheets as necessary)	Examiner Name	
of 2 4	Attorney Docket Number	V-046
	of 24	Examiner Name

	0::	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"New high tech concrete is lighter, stronger & green", 05/06/2004, Commonwealth Scientific & Industrial Research Organization, 7 pgs	
		ANTON K. SCHINDLER & B. FRANK MCCULLOUGH, "The Importance of Temperature Control During Concrete Pavement Construction in Hot Weather Conditions, January 2002, 16 pgs.	
		ANTON K. SCHINDLER, "Effect of Temperature on the Hydration of Cementitious Materials" 2004, 33 pgs.	

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. Applicant is unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/559601 1AP9 Rec'd PCT/PTO 02 DEC 2003

PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

e required to respond to a collection	of information unless it contains a valid OMB control number. Complete if Known
Application Number	·
Filing Date	·
First Named Inventor	Richard Blackmore
Art Unit	
Examiner Name	
Attorney Docket Number	V-046
	Application Number Filing Date First Named Inventor Art Unit Examiner Name,

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
•		COLLIER et al. "Understanding Textiles" 6th Edition 2001 pg 204				
	PETERS "Handbook of Composites" 2nd Edition, 1998 pg 170					
,						
		I Data				

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.